# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 00:00 on Wednesday 15 Feb 2023 until 23:59 on Thursday 16 Feb 2023

Forecast Issued on Tuesday 14 Feb 2023 at 14:20

**Confidence:** High for a period of more unsettled conditions over the next few days with cloud and rain at times. Low for developments over the weekend.

**Headline for Wednesday 15 Feb 2023:** Dry and bright in the morning. Windy on the tops.

**Mountain weather hazards on Wednesday 15 Feb 2023**

**Blizzards**
No Likelihood

**Heavy persistent snow**
No Likelihood

**Storm force winds**
No Likelihood

**Gales**
No Likelihood

**Severe chill effect**
No Likelihood

**Poor visibility**
Low Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent rain**
No Likelihood

**Strong sunlight**
No Likelihood

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | | | |
| Partly cloudy (night) | Clear night | Sunny | Sunny intervals | Light rain | Cloudy | Partly cloudy (night) | Partly cloudy (night) |
| Precipitation probability | | | | | | | |
| <05% | <05% | <05% | <05% | 50% | 30% | <05% | <05% |

**Forecast for Wednesday 15 Feb 2023**

**Weather:** Dry with clear spells overnight then a bright morning. Turning cloudy with outbreaks of mostly light rain from late morning to early afternoon. Dry with bright spells to end the day but clouding over again during the evening with the odd spot of rain by midnight.

**Chance of cloud-free hill tops above 600m:** 95% lowering to 30% for a few hours.

**Low cloud and visibility:** Mainly good but rather hazy through the morning and into the afternoon. Areas of low cloud and fog developing above 500m for a few hours then clearing in the afternoon with visibility becoming good.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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# Mountain Weather Forecast

**Forecast for Wednesday 15 Feb 2023**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 18/28 S | 18/28 S | 20/30 S | 19/30 S | 24/33 SW | 19/26 SW | 14/21 SW | 17/25 SW | 17/26 SW |
| **300** | 12/21 SE | 12/20 S | 14/25 S | 13/21 S | 18/27 SW | 14/22 SW | 10/17 SW | 12/21 SW | 13/22 SW |
| **Valley** | 6/17 SE | 6/16 SE | 6/17 SE | 6/17 SE | 11/25 SW | 10/20 W | 5/16 SW | 7/19 SW | 8/21 SW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 8/4 | 7/3 | 7/3 | 6/2 | 6/1 | 5/-0 | 4/-1 | 3/-2 | 3/-2 |
| **300** | 8/4 | 6/3 | 6/3 | 7/3 | 8/5 | 7/4 | 6/3 | 5/1 | 5/1 |
| **Valley** | 7/5 | 6/3 | 5/3 | 6/4 | 9/6 | 8/5 | 5/4 | 5/2 | 5/2 |
| **Freezing Level*** | 1700m | 1300m | 1100m | 1600m | 1800m | 1200m | 1000m | 1000m | 1100m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

A rather breezy day on the tops with gusts of 30 to 40mph during the morning.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 15:00 on Tue 14 Feb 2023 | 0.2mm | 0.2mm | 0.2mm |

**Forecast for Thursday 16 Feb 2023**

**Weather:** Cloudy and misty with outbreaks of mostly light rain or drizzle. Becoming mainly dry from late afternoon to early evening before further outbreaks of rain arrive from the west later.

**Maximum wind:** Southerly 20mph gusts 30mph overnight, veering West or Southwest 15mph gusts 25mph during morning.

**Chance of cloud-free hill tops above 600m:** Less than 10%, becoming 30% for a time late afternoon.

**Low cloud and visibility:** Extensive cloud and fog from low slopes upwards giving difficult navigation conditions and rather hazy below the cloud. Cloud perhaps lifting and breaking slightly late afternoon to early evening.

**Temperature:** **Valleys:** Plus 7C rising to 9C.
**At 600m:** Plus 4 or 5C.
**Freezing level:** Above summits.

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